

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

In re Application of: HÖGBERG, et al.	}	
	}	
Serial No.: To be assigned	}	
	}	Group Art No: To be assigned
Filed: Herewith	}	Examiner: To be assigned
	}	
For: Centrifuge for Processing Blood and Blood	}	
Components in Ring-Type Blood Processing Bags	}	
	}	
<u>Customer Number: 24994</u>	}	

Commissioner for Patents
Alexandria, VA22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

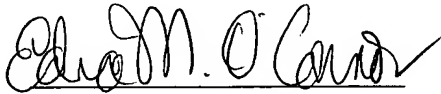
Pursuant to 37 C.F.R. § 1.56, Applicant brings to the attention of the Examiner the documents listed on the attached PTO Form 1449. Copies of these documents are also enclosed. It is believed this Information Disclosure Statement is being filed before the first Office Action on the merits and thus no fee should be due (see 37 C.F.R. 1.97 (b)). If this is incorrect, please charge deposit account 03-2316.

This submission does not represent that a search has been made or that no better information exists and does not constitute an admission that each or all of the listed documents alone or in combination, are considered to be material to patentability as defined under 37 C.F.R. §1.56(b).

If there are any questions, any representative of the U.S. Patent and Trademark Office is encouraged to call the undersigned attorney of record at the below-printed telephone number.

Respectfully submitted,

7/24/03
Date


Edna M. O'Connor
Atty. Reg. No: 29,252
Gambro, Inc.
10810 W. Collins Ave.
Lakewood, Colorado 80215
(303) 231-4132

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. B0051-US02	SERIAL NO. To be assigned
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANT HÖGBERG, et al.	
(Use several sheets if necessary)	FILING DATE Herewith	GROUP To be assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		3,096,283	7/1963	Hein			
		3,145,713	8/1964	Latham, Jr.			
		3,244,363	4/1966	Hein			
		3,326,458	6/1967	Meryman et al.			
		3,329,136	7/1967	Cadiou			
		3,456,875	7/1969	Hein			
		3,489,145	1/1970	Judson et al.			
		3,519,201	7/1970	Eisel et al.			
		3,600,900	8/1971	Buddecke			
		3,679,128	7/1972	Unger et al.			
		3,708,110	1/1973	Unger et al.			
		3,724,747	4/1973	Unger et al.			
		3,737,096	6/1973	Jones et al.			
		3,858,796	1/1975	Unger et al.			
		3,864,089	2/1975	Tiffany et al.			
		3,885,735	5/1975	Westbert			
		3,987,961	10/1976	Sinn et al.			
		4,010,894	3/1977	Kellogg et al.			
		4,016,828	4/1977	Maher, Jr. et al.			
		4,111,355	9/1978	Ishimaru			
		4,131,369	12/1978	Gordon et al.			
		4,132,439	1/1979	Khoja et al.			
		4,142,670	3/1979	Ishimaru et al.			
		4,230,263	10/1980	Westberg			
		4,244,513	1/1981	Fayer et al.			
		4,268,393	5/1981	Persidsky et al.			

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. B0051-US02	SERIAL NO. To be assigned
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANT HÖGBERG, et al.	
(Use several sheets if necessary)	FILING DATE Herewith	GROUP To be assigned

		4,278,202	7/1981	Westberg			
		4,303,193	12/1981	Latham Jr.			
		4,304,357	12/1981	Schoendorfer			
		4,386,730	6/1983	Mulzet			
		4,387,848	6/1983	Kellogg et al.			
		4,388,184	6/1983	Brous et al.			
		4,389,206	6/1983	Bacehowski et al.			
		4,389,207	6/1983	Bacehowski et al.			
		4,405,079	9/1983	Schoendorfer			
		4,419,089	12/1983	Kolobow et al.			
		4,421,503	12/1983	Latham, Jr. et al.			
		4,439,177	3/1984	Conway			
		4,447,221	5/1984	Mulzet			
		4,459,169	7/1984	Bacehowski et al.			
		4,482,342	11/1984	Lueptow et al.			
		4,530,691	7/1985	Brown			
		4,617,009	10/1986	Öhlin et al.			
		4,720,284	1/1988	McCarty			
		4,767,397	8/1988	Hohenberg et al.			
		4,846,780	7/1989	Galloway et al.			
		4,850,952	7/1989	Figdor et al.			
		4,925,442	5/1990	Bodelson			
		4,934,995	6/1990	Cullis			
		4,936,820	6/1990	Dennehey et al.			
		4,940,543	7/1990	Brown et al.			
		4,990,132	2/1991	Unger et al			
		5,006,103	4/1991	Bacehowski et al.			
		5,032,288	7/1991	Columbus et al.			
		5,114,396	5/1992	Unger et al.			
		5,160,310	11/1992	Yhland			

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. B0051-US02	SERIAL NO. To be assigned
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANT HÖGBERG, et al.	
(Use several sheets if necessary)	FILING DATE Herewith	GROUP To be assigned

		5,217,426	6/1993	Bacehowski et al.			
		5,217,427	6/1993	Cullis			
		5,316,540	5/1994	McMannis et al.			
		5,571,068	11/1996	Bacehowski et al.			
		5,593,378	1/1997	Dyck			
		5,651,766	7/1997	Kingsley et al.			
		5,674,173	10/1997	Hlavinka et al.			
		5,704,887	1/1998	Slowik et al.			
		5,723,050	3/1998	Unger et al.			
		5,733,253	3/1998	Headley et al.			
		5,759,147	6/1998	Bacehowski et al.			
		6,261,217	7/2001	Unger et al.			
		6,315,706	11/2001	Unger et al.			
		6,348,031	2/2002	Unger et al.			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION
--

		DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
		354 581	3/1973	SE				
		354 582	3/1973	SE				
		1373672	11/1974	GB				
		85/02561	6/1985	WO				
		84 11225	1/1986	FR				
		87/06844	11/1987	WO				
		87/06857	11/1987	WO				
		0 304 431	3/1989	EP				
		89/02273	3/1989	WO				
		38 15 645	11/1989	DE				
		92/00145	1/1992	WO				

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. B0051-US02	SERIAL NO. To be assigned
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANT HÖGBERG, et al.	
(Use several sheets if necessary)	FILING DATE Herewith	GROUP To be assigned

		0 508 474 A2 & A3	10/1992	EP				
		0 578 086	1/1994	EP				
		94/25086	11/1994	WO				
		95/01842	1/1995	WO				
		95/04591	2/1995	WO				
		96/29081	9/1996	WO				
		98/35757	8/1998	WO				
		98/46362	10/1998	WO				
		0 935 966	8/1999	EP				
		01/02037	1/2001	WO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
		A.H. Runck et al., <i>Continuous-flow Centrifugation Washing of Red Blood Cells</i> , Transfusion, vol. 12, No.4, Jul.-Aug.1972, pp. 237-244.
		T.J. Contreras et al., <i>A Comparison of Methods to Wash Liquid-Stored Red Blood Cells and Red Blood Cells Frozen with High or Low Concentrations of Glycerol</i> , Transfusion, vol. 16, No.6, Nov.-Dec. 1976, pp. 539-565.
		International Search Report for PCT/SE00/01076

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	